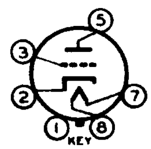
6SF5
6SF5-GT

# 6SF5, 6SF5-GT
## HIGH-MU TRIODE

| | | | |
|---|---|---|---|
| Heater■ | Coated Unipotential Cathode | | |
| Voltage | 6.3 | | a-c or d-c volts |
| Current | 0.3 | | amp. |
| Direct Interelectrode Cap. | *6SF5*▲ | *6SF5-GT* | |
| Grid to Plate | 2.4 | - | μμf |
| Grid to Cathode | 4.0 | - | μμf |
| Plate to Cathode | 3.6 | - | μμf |
| Maximum Overall Length | 2-5/8" | 3-5/16" | |
| Maximum Seated Height | 2-1/16" | 2-3/4" | |
| Maximum Diameter | 1-5/16" | 1-5/16" | |
| Bulb | Metal Shell MT-8 | T-9 | |
| Base | Small Wafer Octal 6-Pin | Intermed. Shell Octal 6-Pin | |
| Basing Designation | 6AB | G-6AB | |

Pin 1 {6SF5, Shell; 6SF5-GT, No Con.
Pin 2 - Cathode
Pin 3 - Grid



BOTTOM VIEW

Pin 5 - Plate
Pin 7 - Heater
Pin 8 - Heater

Mounting Position — Any

### AMPLIFIER

| | | | |
|---|---|---|---|
| Plate Voltage | | 300 max. | volts |
| *Characteristics - Class $A_1$ Amplifier:* | | | |
| Plate | 100 | 250 | volts |
| Grid | -1 | -2 | volts |
| Amp. Fact. | 100 | 100 | |
| Plate Res. | 85000 | 66000 | ohms |
| Transcond. | 1150 | 1500 | μmhos |
| Plate Cur. | 0.4 | 0.9 | ma. |

*Typical Operation - Resistance Coupled Amplifier:*
Same as 6F5 in RESISTANCE-COUPLED AMPLIFIER CHART.

■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
▲ With shell connected to cathode. Values are approximate.

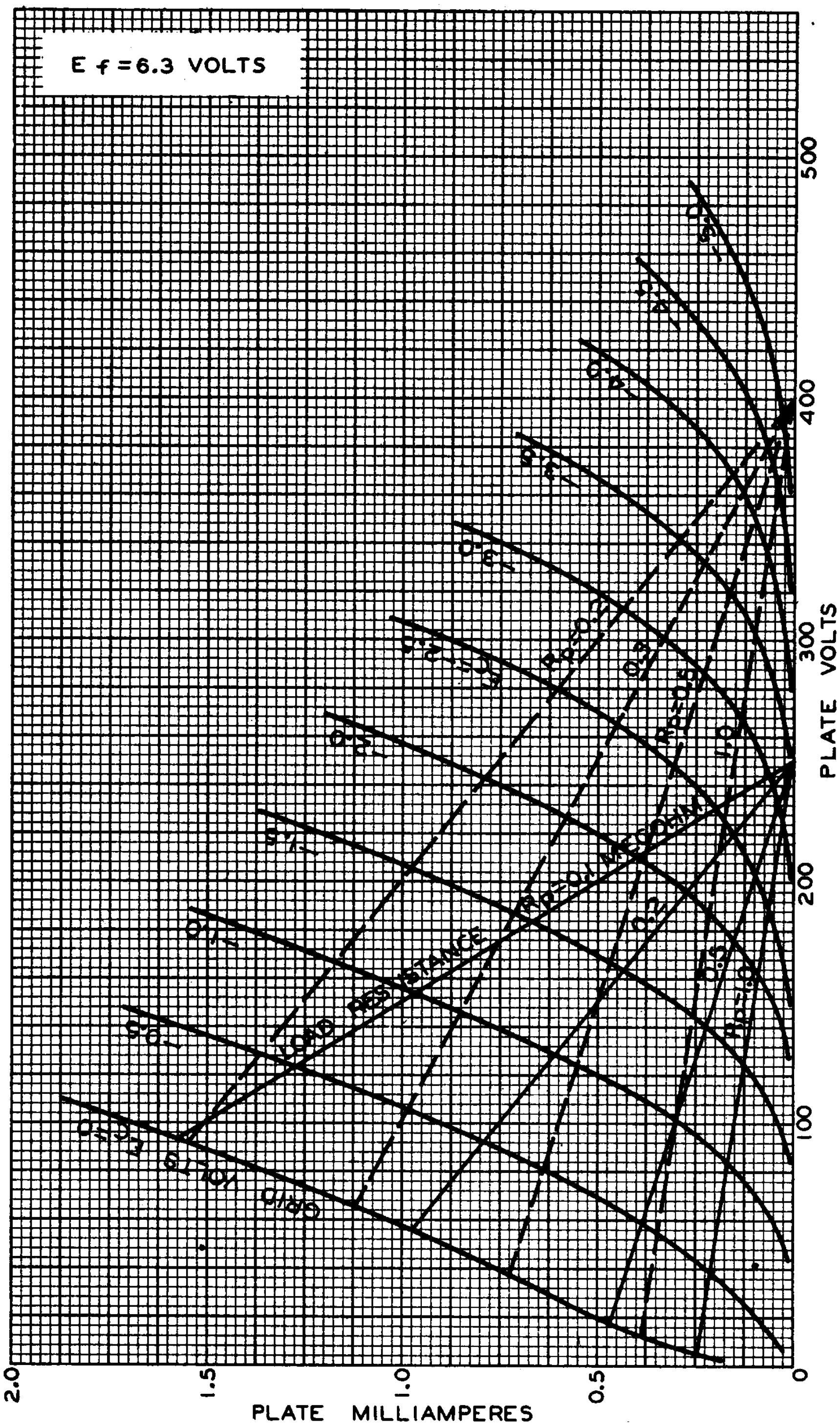
*The curve under Type 6F5 also applies to the 6SF5 and 6SF5-GT.*

← Indicates a change.

6SF5

6SF5

# AVERAGE PLATE CHARACTERISTICS




SEPT. 23 1938

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

92C-4974